SAPIENCE CONSULTANTS & ENGINEERS
PROJECT PLANNING / SCHEDULE

Clients Name : Sri Chikkaboregowda Kangowdar(CKG Constructions Private Limited) #46, 3rd Main Road, Venkatalingaiah Badavane, Siddartha Layout, Mysore-570011

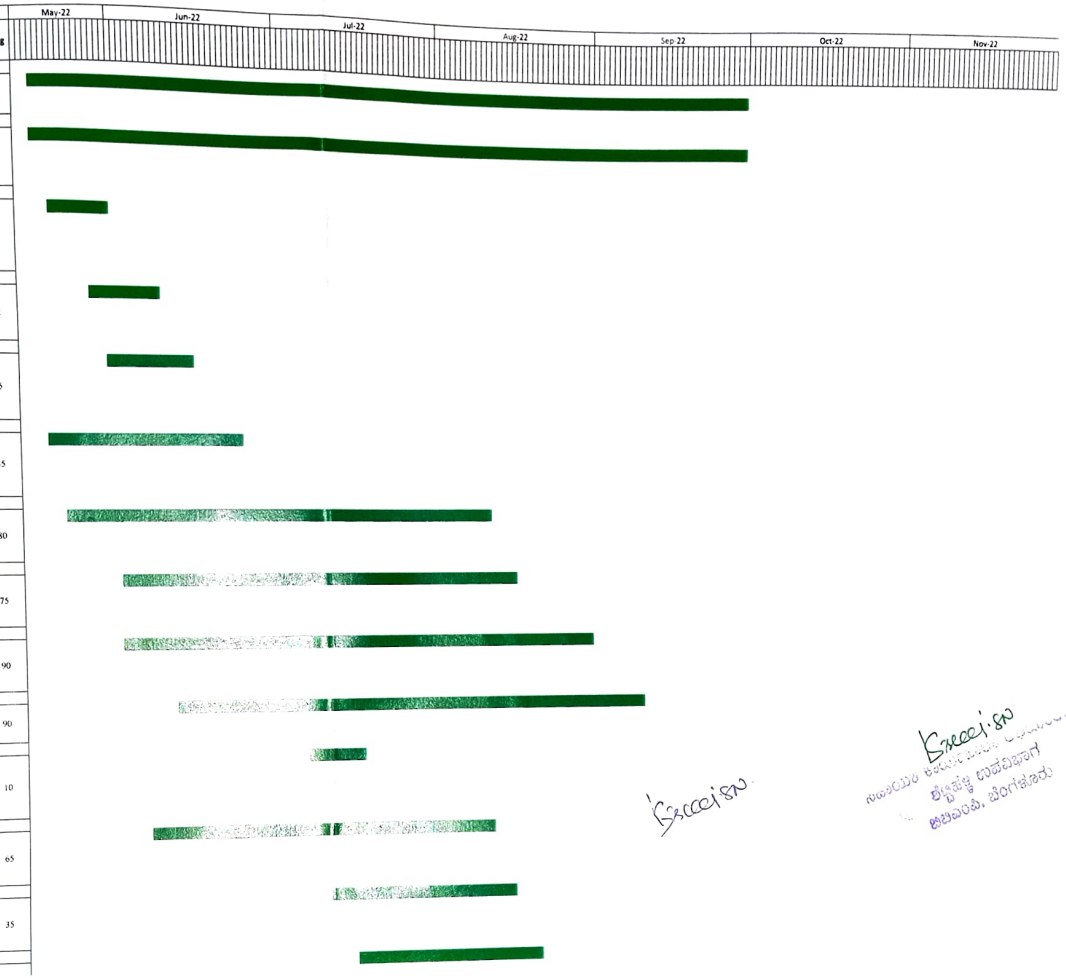
Project Name : Restoration and improvements of roads and drains in AYR layout,Shettihalli village,RR Layout of Chikkasandra village and Abbigere village roads dugged by BWSSB to lay the water supply and UGD lines under 110 villages in W No 12 Shettihalli & Restoration and improvements and drains BTS village Visveshwaraiah village,Royal enclave and siddedahalli old village roads dugged by BWSSB to lay water supply and sanitary lies under 110 villages in W No 14 Dasarahalli sub division

Project Start Date : 18-May-22

Project End Date : 14-Nov-22

Project Length in Days : 180

Sl No	Assignment	Unit	Boq Qnty	Start Date	End Date	No. of Working Days
1	Removing & Refixing stone slabs of drains and pointing in C.M.(1:3)Complete as per the direction of Engineer in charge with all lead and lift	Sqm	3274.92	21-May-22	3-Oct-22	135
2	Earthwork excavation by manual means for roads drains & Simular works in hard soil excavated surface levelled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods complete as per specification	Cum	3650.84	21-May-22	3-Oct-22	135
3	Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, machine mixed, Concrete laid in layers not exceeding 15 cms. thick, well compacted, in	Cum	52.65	24-May-22	3-Jun-22	10
4	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members	ton	9.76	31-May-22	12-Jun-22	12
5	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering,	Cum	121.97	3-Jun-22	18-Jun-22	15
6	Providing and laying pre cast drain cover slabs of 230mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement including form work ,lift charges curing and concrete finished surfaces on both side etc , complete and as per drawing and direction of engineer in	Sqm	292.50	23-May-22	27-Jun-22	35
7	Providing granite slabd 7.5cms thick of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc , complete as per specification & with all lead and lift charges	Sqm	7316.73	26-May-22	14-Aug-22	80
8	Providing and laying pre cast drain cover slabs of 100mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement including form work ,lift charges curing and concrete finished surfaces on both side etc ,	Cum	868.50	5-Jun-22	19-Aug-22	75
9	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by mechanical means attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM	Sqm	6709.80	5-Jun-22	3-Sep-22	90
10	Loading Charges for Scarified quantity complete as per specification & With all lead & Lift charges & as per direction of Engineer in charge of work	Cum	5367.91	15-Jun-22	13-Sep-22	90
11	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as	Cum	320.35	10-Jul-22	20-Jul-22	10
12	Providing and filling Stone dust in foundation to required depth for sub soil treatment including watering ramming with all lead & lift complete as per specifiaction & with all lead and lift charges & as per direction of Engineer in charge of work	Cum	4324.16	10-Jun-22	14-Aug-22	65
13	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 225kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed,	Cum	1120.65	14-Jul-22	18-Aug-22	35
	Constructing un reinforced, plain cement concrete for	cum				



	Assignment	Unit	Boq Qnty	Start Date	End Date	No. of Working Days
14	Pavements using Grade concrete M30 over a prepared base with HBG coarse aggregate at 0.60 cum, fine aggregates at 0.40 cum Coarse and fine aggregate conforming to IS 383 - 2016 with Superplastizer at 3 lts conforming to IS 9103-2008	C	16801.98	19-Jul-22	23-Aug-22	35
15	Construction of granular sub base Grading V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/ basalt material, mixing by mix in place method by rotavator at OMC, spreading in uniform	Cum	10121.84	13-Jun-22	1-Oct-22	110
16	Providing, laying, spreading and compacting crushed stone aggregates of granite/ trap/ basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of upper to site, laying in uniform layers with paver in sub-	Cum	17881.85	15-Jun-22	30-Jul-22	45
17	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications	Sqm	150400.00	20-Jun-22	4-Aug-22	45
18	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM ,including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications MORTH Specification No. 502 Complete with	Sqm	71372.45	18-Jun-22	16-Oct-22	120
19	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10	Cum	3658.62	18-Jun-22	16-Oct-22	120
20	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per	Sqm	82518.90	20-Jun-22	18-Oct-22	120
21	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem	Cum	2752.25	20-Jun-22	18-Oct-22	120
22	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface	Sqm	37(0.20	15-Jul-22	23-Oct-22	100
23	Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of	nos	6350.00	8-Oct-22	12-Nov-22	35